

Fig.1

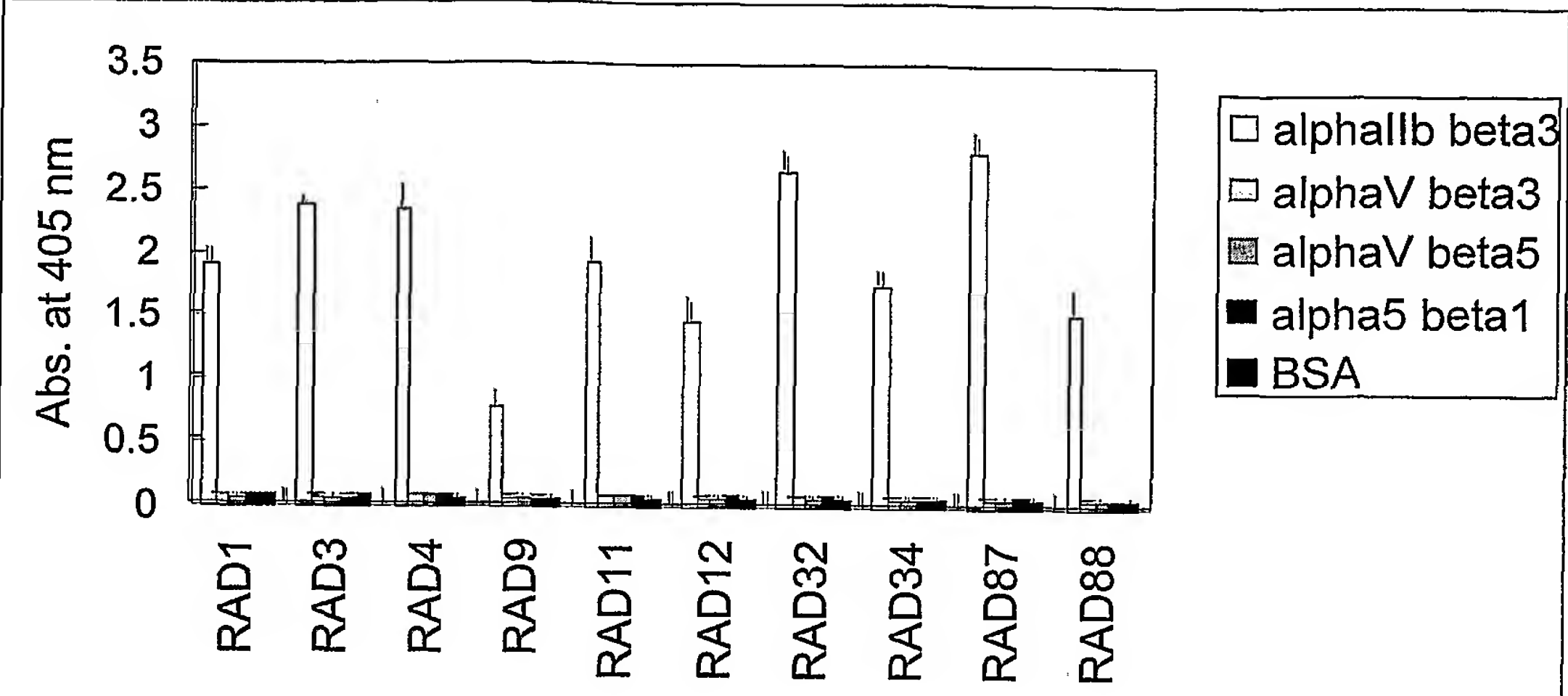


Fig. 2

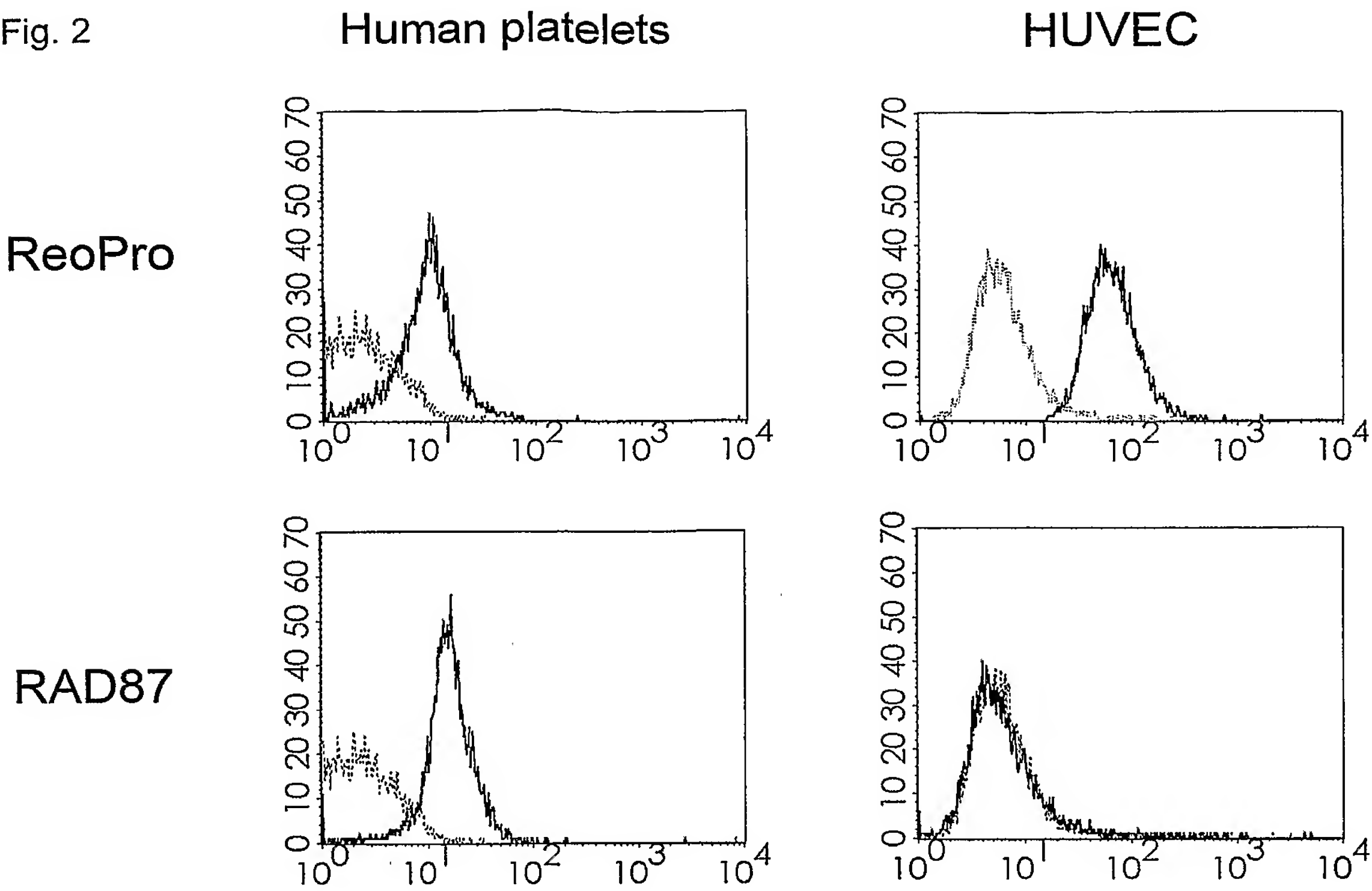
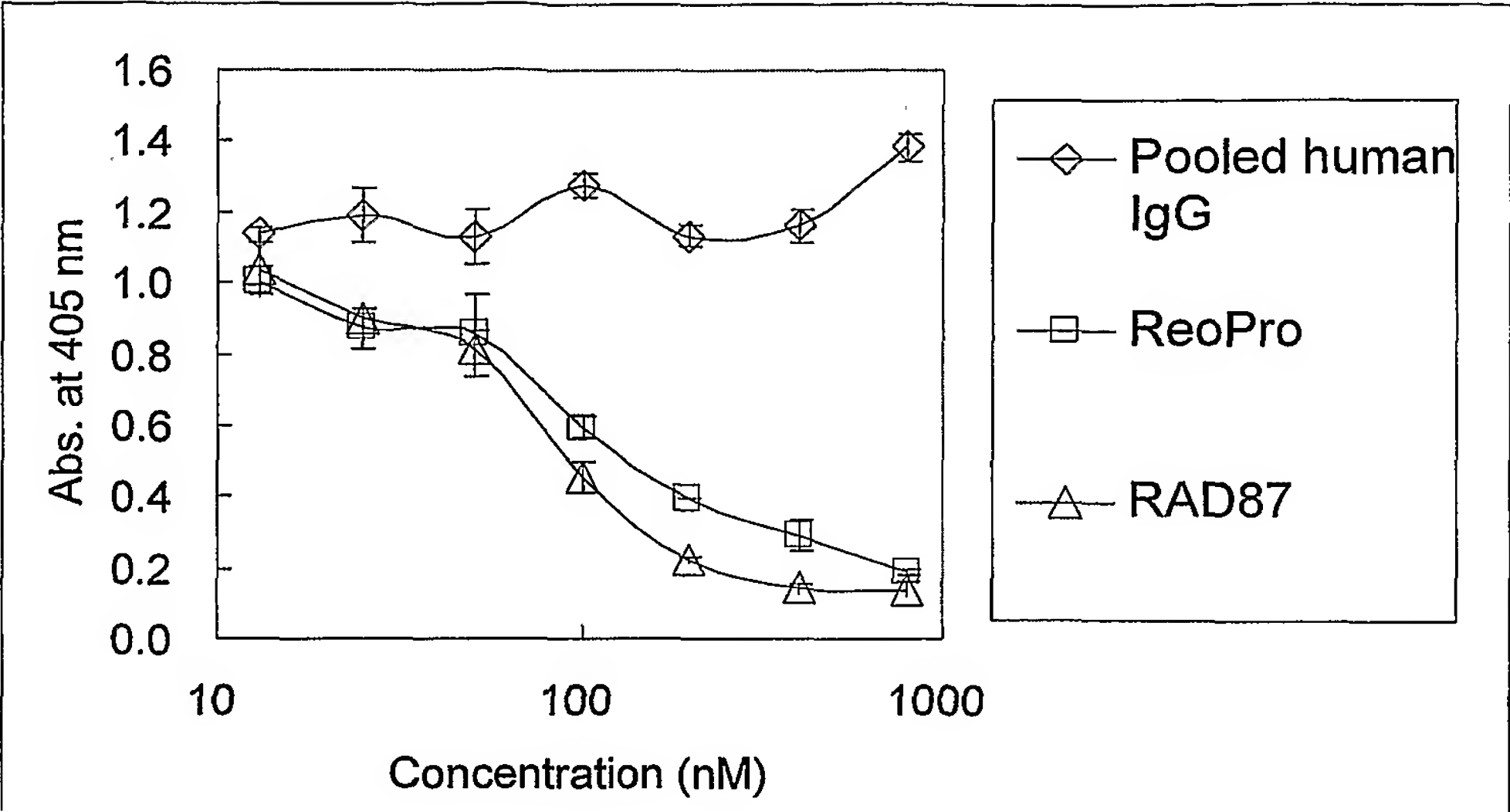


Fig.3

**A**



**B**

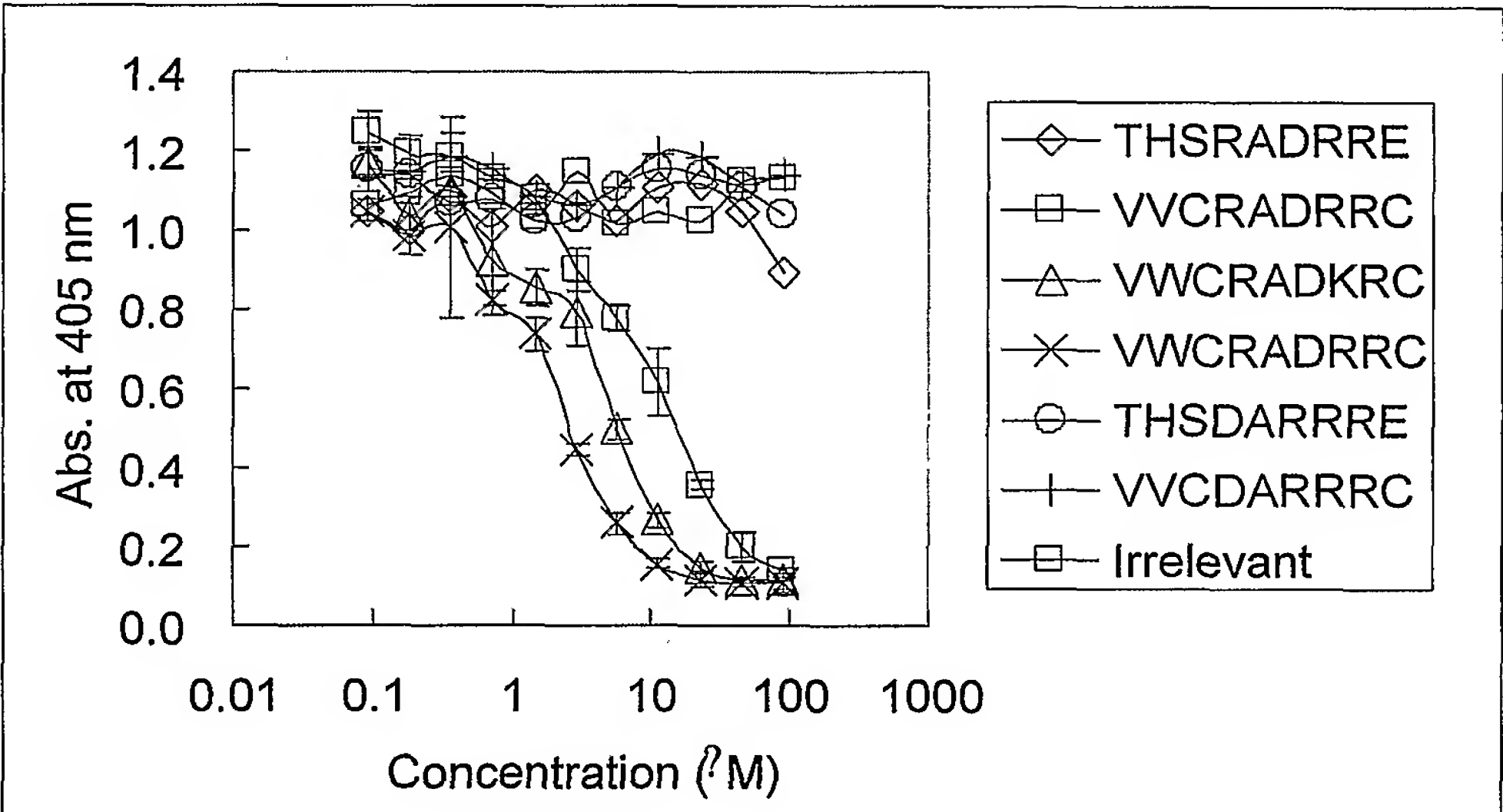


Fig.4

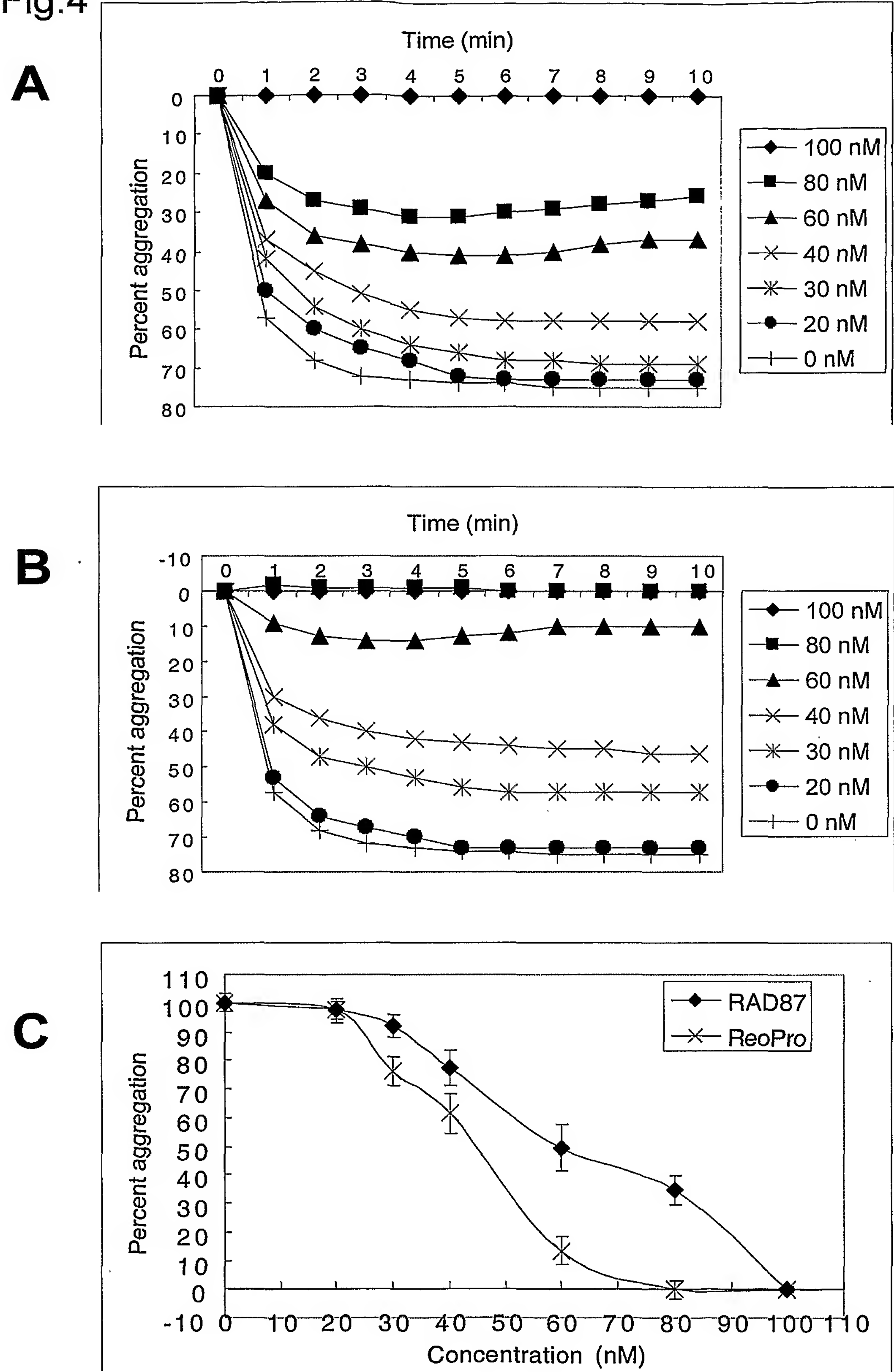
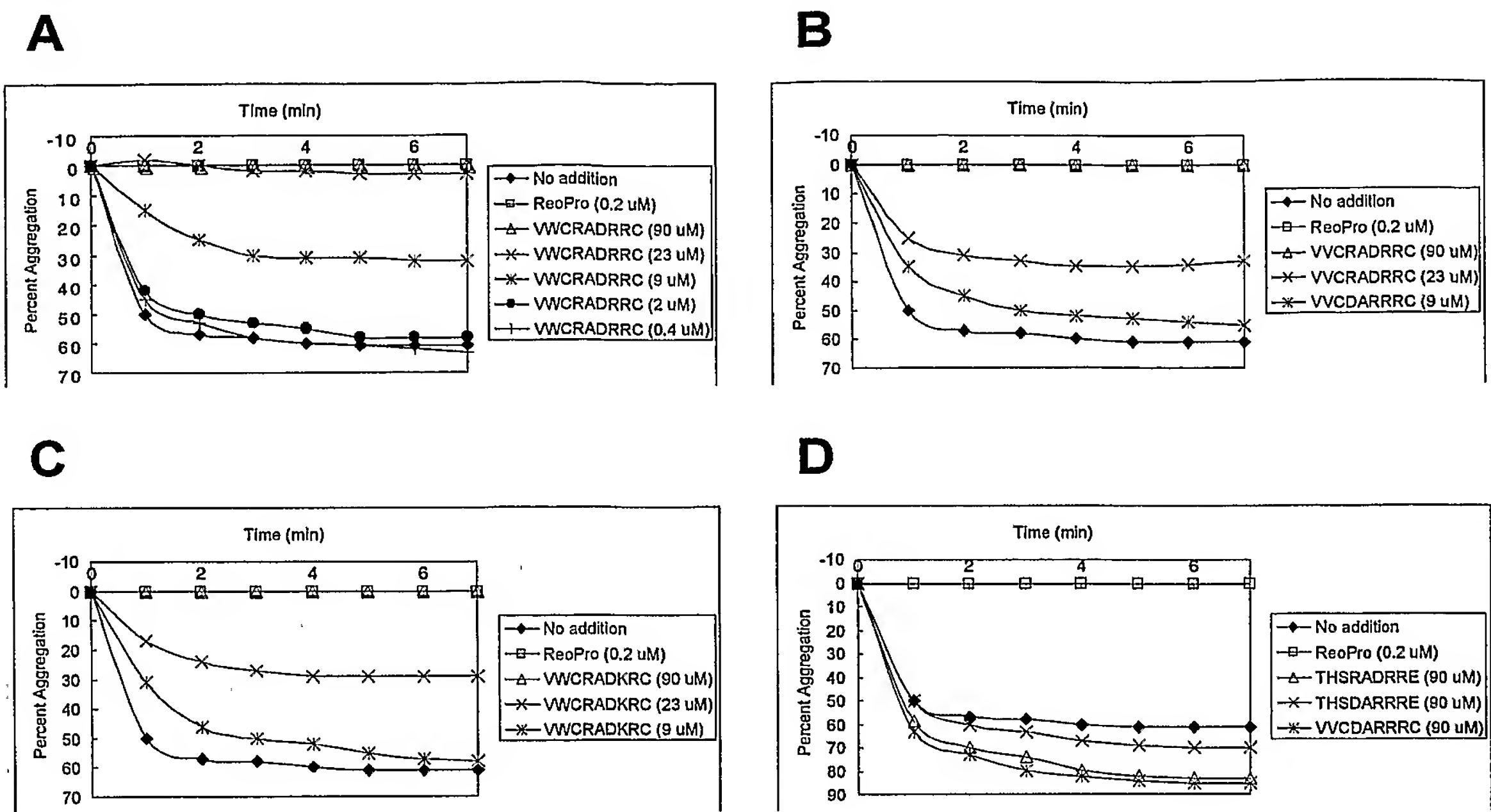


Fig.5



V <sub>H</sub>																				
	FR1										FR2									
	CDR1										CDR2									
	FR3										CDR3									
	FR4																			
	1	30	31	35	36	49	50	65	66	97	98	113	114	118						
RAD87	EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD9	EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD12	EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD34	EVQLLESGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD3	EVQLLESGGGLVHPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD32	EVQLLESGGGLVHPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD88	EVQLLESGGGLVHPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS
RAD1	EVQLLESGGGLVQPGGSLRLSCAASGFTFS	FYGMS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS	WVRQAPGKGLEWVS

Figure 6